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Committee on the Hayden Memorial Geological Award. On the report of this committee the second medal, together with the balance of interest arising from the Fund, was voted by the Academy October 20th, to Edward Drinker Cope in recognition of the value of his services to geological and paleontological science.

Chapter I of the By-Laws was amended by the addition of Article X:—No member shall be eligible to the office of President for more than four consecutive years.

All of which is respectfully submitted.

EDW. J. NOLAN,  
*Recording Secretary.*

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#### REPORT OF CORRESPONDING SECRETARY.

The Corresponding Secretary respectfully reports that during the past year commencing December 1st, 1890, he has received from sixty-eight Societies, Museums, etc., one hundred and thirty-one notices of the receipt of the publications of the Academy; thirty-two notices from Societies, Museums, etc., of the forwarding of their own publications. There has been received twenty applications to exchange publications, for reports, and asking for missing numbers of the Academy's publications. Twenty-five letters on various subjects, together with four invitations to the Academy and its members to participate in congresses, meetings, etc. have been received and answered. Six notices of deaths have been received.

During the year three Correspondents have been elected and notices to that effect have been forwarded to them; the acknowledgement of one of these has been received. Nine certificates of Correspondentship were forwarded to those elected during the past year, four of which have been acknowledged.

Respectfully submitted,

BENJAMIN SHARP,  
*Corresponding Secretary.*

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#### REPORT OF THE LIBRARIAN.

The Librarian respectfully reports that the accessions to the library of the Academy from November 30, 1890, to December 1, 1891, amount to 4335, an increase of 156 over the additions of the

preceding year. They were composed of 3858 pamphlets and parts of serials, 440 volumes and 37 maps, photographs, engravings, etc.

We are indebted to the following sources for this supply.—

Societies, . . . . .	1586	Geological Survey of New South Wales, . . . . .	3
I. V. Williamson Fund, . . . .	976	D. B. McCartee, . . . . .	2
Editors, . . . . .	949	Geological Survey of Minnesota, Alex. Mucklé, . . . . .	2
Authors, . . . . .	261	Historical Society of Pennsylvania, Witmer Stone, . . . . .	2
U. S. Department of the Interior, Wilson Fund, . . . . .	124	Clark Maxwell Memorial Committee, . . . . .	2
U. S. Department of Agriculture, State of Pennsylvania, . . . . .	32	East Indian Government, . . . .	2
U. S. Department of State, . . . .	23	U. S. Department of Labor, . . .	2
Benj. Smith Lyman, . . . . .	20	Canadian Meteorological Service, U. S. Navy Department, . . . .	1
Chas. P. Perot, . . . . .	20	Department of Agriculture, Canada, C. W. Reilly, . . . . .	1
Thomas Meehan, . . . . .	14	J. H. Redfield, . . . . .	1
H. C. Wood Jr., . . . . .	12	Geological Survey of Kentucky, Frau G. Vom Rath, . . . . .	1
H. A. Pilsbry, . . . . .	11	Henry Skinner, . . . . .	1
Minister of Public Works in France, . . . . .	10	Norwegian Government, . . . .	1
Harrison Allen, . . . . .	10	Niagara Commissioners, . . . .	1
California State Mining Bureau, U. S. Treasury Department, . . .	9	Geological Survey of Portugal, .	1
Government of Australia, . . . .	8	Geological Survey of New Zealand, Geological Survey of Roumania, .	1
Geological Survey of Pennsylvania, Geological Survey of Russia, . . .	8	Adele M. Fielde, . . . . .	1
British Museum, . . . . .	6	U. S. Coast Survey, . . . . .	1
Geological Survey of Canada, . . .	6	Illinois Bureau of Labor, . . . .	1
Angelo Heilprin, . . . . .	6	W. J. Fox, . . . . .	1
Geological Survey of India, . . . .	6	Geological Survey of New Jersey, Indian Museum, . . . . .	1
U. S. War Department, . . . . .	6	Geological Survey of Texas, . . .	1
Geological Survey of Brazil, . . . .	5	Geological Survey of Arkansas, S. G. Dixon, . . . . .	1
Philip P. Calvert, . . . . .	5	E. C. Knight & Co., . . . . .	1
Chas. E. Smith, . . . . .	4	U. S. Commission of Fish and Fisheries, . . . . .	1
Chas. M. Betts, . . . . .	4		
Geological Survey of Missouri, . . .	4		
J. P. Remington, . . . . .	4		
Kew Gardens, . . . . .	3		
H. C. Chapman, . . . . .	3		
Geological Survey of Finland, . . . .	3		

Twenty-six volumes were obtained by special subscription.

They were placed in the several departments of the Library as follows :—

Journals, . . . . .	3376	Mineralogy, . . . . .	14
Geology, . . . . .	182	Anthropology, . . . . .	11
Botany, . . . . .	173	Chemistry, . . . . .	10
General Natural History, . . . .	81	Ichthyology, . . . . .	9
Entomology, . . . . .	58	Herpetology, . . . . .	8
Ornithology, . . . . .	53	Medicine, . . . . .	7
Conchology, . . . . .	38	Bibliography, . . . . .	6
Mammalogy, . . . . .	33	Geography, . . . . .	3
Anatomy and Physiology, . . . .	33	Agriculture, . . . . .	1
Voyages and Travels, . . . . .	23	Unclassified, Government Publications, etc., . . . . .	177
Physical Science, . . . . .	20		
Encyclopedias, . . . . .	19		

The subject catalogue of the entire library was completed and arranged early in the year. It has, of course, been since kept up to date, the accessions being carded and arranged immediately on their presentation.

But few volumes have been bound, all the resources of the Library Committee being required for the purchase of books actually needed by the working members of the Academy and for the continuance of subscriptions to serials and periodicals.

Among the more noteworthy additions recorded is a fine set of Edwards' Botanical Register, a much needed journal, procured by special subscriptions received from Messrs. John T. Morris, Stuart Wood, Alex. Biddle, Charles W. Trotter, Charles Schaeffer and Miss Serena Potts, through Mr. Thomas Meehan.

The "Hortus Siccus Gramineus" of Wm. Curtis, published in London in 1802, was presented in two well-preserved volumes by Dr. Charles R. King and being illustrated, not by figures but by the plants themselves, was transferred to the herbarium.

We are indebted to Mr. Edw. C. Pickering for a fine crayon portrait of the late Dr. Charles Pickering, whose early work in connection with the Academy well merits such commemoration.

Another interesting addition to the society's collection of portraits is a fine oil painting of Alex. Lawson, the engraver, who, although never a member of the Academy, was intimately associated with the founders and should be held in grateful remembrance in consequence of the fine plates prepared by him in illustration of Binney's Mollusks and Wilson's Birds. The picture was presented by his daughter, Mrs. Mary Lawson Birkhead.

A pair of globes bequeathed to the Academy by Mrs. Cecilia Barron Fest have also been received and appropriately placed in the library.

It gives me pleasure to acknowledge the efficient assistance rendered in the current work of the year by Mr. William J. Fox.

All of which is respectfully submitted,

EDW. J. NOLAN,

*Librarian.*

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#### REPORT OF THE CURATORS.

The Curators present the following statement of the Curator-in-Charge as their report for the year 1891 :—